

ADVANCED CONSTRUCTION PROJECTS COMMUNICATION MODEL

Project Phasing

Keeping All Stakeholders In The Loop

Background

Because of the concern by the General Accounting Office over cost creep on major project that have multiple phases of design and construction the FHWA has asked Consultant Services to put together a simple process that would inform FHWA of all phased projects. Because the commission approves an amount that reflects an estimate of the cost of the full contract that estimate should be reflected in the initial R-709 request. This amount should be set up in FMIS as advanced construction. FHWA realizes that the initial Independent Cost Estimate(s) to establish a commission-approved budget may be impacted by subsequent scope definitions as the project moves through the phases.

Using Advance Construction does not require a commitment of the full funds at the time of authorization in FMIS. What it does do is brings the commission approved amount and the FMIS amount in line with each other avoiding future audit challenges over cost creep and establishes a placeholder for future obligation of the subsequent phases. Another avoidance is any future audit concern over under-financing a project and thus restricting the amount of funding that the FHWA can allow.

Advanced Construction Identification/Criteria

Max Ditlevsen, currently determines projects that will receive advanced construction funds based on their scope and duration. Listed below are some of the criteria that he has been using to make this decision:

- Concept Development / STIP / Large Dollars / \$5 million+
- Emergency Work
- Projects on STIP / Schedule Duration of 2 Years+
- Other

The phasing of consultant work is a good candidate for this type of funding.

Advanced Construction Projects – Communication Model

Task Description	Person Responsible
Identify Total Project Costs (estimate) <ul style="list-style-type: none"> ▪ Concept Development ▪ TIP ▪ STIP 	MPO, PM, Region Director, Local Entity, and Program Finance
Identify Phases <ul style="list-style-type: none"> ▪ Time/Schedule ▪ Dollars/Amount of Each Phase ▪ Funding Sources ▪ Project Identification 	MPO, PM, Region Director, Local Entity, and Program Finance
R-709 Process <ul style="list-style-type: none"> ▪ Scope of Work – 1 To include all phases (general in description) ▪ ICE – 1 for AC purposes reflecting all phases (best estimate) R-709 ▪ R-709 Form – 1 with each subsequent phase to document the phase being authorized. ▪ STIP entry for subsequent phases to convert Advance Construction funds 	PM, Consultant Services, Program Finance
FMIS Entry <ul style="list-style-type: none"> ▪ Remarks Field (phasing information such as project numbers, costs, scope descriptions etc.) ▪ FHWA Approvals (FMIS & Form) 	Program Finance, FHWA
Contract Modifications <ul style="list-style-type: none"> ▪ Repeat Process Above (reminder) 	Consultant Services, PM, Program Finance, FHWA